

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 5

Complete if Known

Application Number	10/051,594
Filing Date	January 18, 2002
First Named Inventor	H. Brock Kolls
Art Unit	3694
Examiner Name	Mary Da Zhi Wang Cheung
Attorney Docket No.	USE-673US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-2002/0156727	10/24/2002	LeVake et al.	
		US-6,234,389	05/22/2001	Valliani et al.	
		US-4,727,757	03/01/1988	Hilzinger et al.	
		US-4,366,481	12/28/1982	Main et al.	
		US-4,611,205	09/09/1986	Eglise	
		US-4,780,806	10/25/1988	Wada et al.	
		US-4,999,672	03/12/1991	Rice et al.	
		US-5,077,582	12/31/1991	Kravette	
		US-5,091,713	02/25/1992	Horne	
		US-5,132,915	07/21/1992	Goodman	
		US-5,206,488	04/27/1993	Teicher	
		US-5,225,977	07/06/1993	Hooper	
		US-5,337,253	08/09/1994	Berkovsky	
		US-5,440,108	08/08/1995	Tran	
		US-5,442,568	08/15/1995	Ostendorf	
		US-5,464,087	11/07/1995	Bounds	
		US-5,710,887	01/20/1998	Chelliah	
		US-5,764,639	06/09/1998	Staples	
		US-5,769,269	06/23/1998	Peters	
		US-5,924,081	07/13/1999	Ostendorf	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		GB2172720	09/24/1986	Mars Inc.		<input type="checkbox"/>
		JP05143843	06/11/1993	Sanyo		<input type="checkbox"/>
		JP04149796	05/22/1992	NEC OFF SYST		<input type="checkbox"/>
		JP04077892	03/11/1992	Fuji		<input type="checkbox"/>
		JP03273468	12/04/1991	Matsushita		<input type="checkbox"/>
		JP02012394	01/17/1990	Rain Syst KK		<input type="checkbox"/>

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).

²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.C./

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/051,594
Filing Date	January 18, 2002
First Named Inventor	H. Brock Kolls
Art Unit	3694
Examiner Name	Mary Da Zhi Wang Cheung
Attorney Docket No.	USE-673US

SHEET 2 of 5

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-5,930,771	07/27/1999	Stapp	
		US-5,963,452	10/05/1999	Etoh	
		US-5,997,170	12/07/1999	Brodbeck	
		US-6,000,522	12/14/1999	Johnson	
		US-6,115,649	09/05/2000	Sakata	
		US-6,123,223	09/26/2000	Watkins	
		US-6,250,452	06/26/2001	Partyka	
		US-6,272,395	08/07/2001	Brodbeck	
		US-6,308,111	10/23/2001	Koga	
		US-6,321,985	11/27/2001	Kolls	
		US-6,367,696	04/09/2002	Inamitsu	
		US-6,390,269	05/21/2002	Billington	
		US-6,571,150	05/27/2003	Arai	
		US-6,757,585	06/29/2004	Ohtsuki	
		US-6,772,048	08/03/2004	Leibu	
		US-6,839,775	01/04/2005	Kao	
		US-6,854,642	02/15/2006	Metcalf	
		US-7,013,337	03/14/2006	Defosse	
		US-7,053,773	05/30/2006	McGarry	
		US-7,054,909	05/30/2006	Ohkubo	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		EP0986033	03/15/2000	Mars Inc.		<input type="checkbox"/>
		EP1096408	05/02/2001	Crane Co.		<input type="checkbox"/>
		WO99/50800	10/07/1999	Coca-Cola Co.		<input type="checkbox"/>
		WO97/10576	03/20/1997	Mars Inc.		<input type="checkbox"/>
		WO97/45796	12/04/1997	Barcelou		<input type="checkbox"/>
		WO96/15505	05/23/1996	Vermeer Tech		<input type="checkbox"/>

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).

²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

⁴For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.C./

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 3 of 5

Complete if Known

Application Number	10/051,594
Filing Date	January 18, 2002
First Named Inventor	H. Brock Kolls
Art Unit	3694
Examiner Name	Mary Da Zhi Wang Cheung
Attorney Docket No.	USE-673US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-7,096,191	08/22/2006	Nakajima	
		US-7,110,954	09/19/2006	Yung	
		2001/0042121	03/14/2006	Defosse	
		2002/0072976	06/13/2002	Virtanen	
		2002/0077724	06/20/2002	Paulucci	
		2002/0084322	03/04/2003	Baric	
		2002/0099608	07/25/2002	Pons	
		2002/0165788	11/07/2002	Bates	
		2002/0188378	12/12/2002	Sufer	
		2003/0030539	02/13/2003	McGarry	
		2003/0149827	08/07/2003	Smolen	
		2003/0158625	08/21/2003	Carstens	
		2003/0178487	09/25/2003	Rogers	
		2003/0204391	10/30/2003	May	
		2005/0088279	04/28/2005	Denison	
		2005/0285716	12/29/2005	Denison	
		US-5,728,999	03/17/1998	Teicher	
		US-4,812,628	03/14/1989	Boston et al.	
		US-5,850,442	12/15/1998	Muftic	
		US-5,591,949	01/07/1997	Berstein	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>

Examiner Signature	Date Considered
-----------------------	--------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).

²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.C./

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 4 of 5

Complete if Known

Application Number	10/051,594
Filing Date	January 18, 2002
First Named Inventor	H. Brock Kolls
Art Unit	3694
Examiner Name	Mary Da Zhi Wang Cheung
Attorney Docket No.	USE-673US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-5,285,382	02/08/1994	Muehlberger et al.	
		US-4,485,300	11/27/1984	Peirce	
		US-7,032,038	04/18/2006	Squires	
		US-6,934,594	01/20/2005	Loring et al.	
		US-6,473,283	10/29/2002	Melvin et al.	
		US-5,608,643	03/04/1997	Wichter et al.	
		US-5,150,817	09/29/1992	Livingston	
		US-6,814,518	11/09/2004	Luciano et al.	
		US-7,058,603	06/06/2006	Rhiando	
		US-2,703,048	03/01/1955	Gandert et al.	
		US-2002/0107742	08/08/2002	Magill	
		US-6,116,505	09/12/2000	Withrow	
		US-6,397,126	05/28/2002	Nelson	
		US-6,771,981	08/03/2004	Zalewski et al.	
		US-5,952,638	09/14/1999	Demers et al.	
		US-2001/0025349	09/27/2001	Sharood et al.	
		US-2001/0034566	10/25/2001	Offer	
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).

²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.C./

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/051,594
Filing Date	January 18, 2002
First Named Inventor	H. Brock Kolls
Art Unit	3694
Examiner Name	Mary Da Zhi Wang Cheung
Attorney Docket No.	USE-673US

SHEET 5 of 5

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		WEBSTER ET AL.; Controlling A Java Enabled Pepsi® Vending Machine Over The World Wide Web; Date: November 29-December 3, 1999; Industrial Electronics Society, 1999. IECON '99 Proceedings. The 25 th Annual Conference of the IEEE; Volume 1, 29 Page(s): 86-90 vol. 1	<input type="checkbox"/>
		KIMURA ET AL.; Ecological Improvement Of the Vending Machine Using LCA Method; Date: December 11-15, 2001; Environmentally Conscious Design And Inverse Manufacturing, 2001. Proceedings EcoDesign 2001: Second International Symposium On Page(s): 341-346	<input type="checkbox"/>
		NEWMARCH ET AL.; Using The Web And Jini To Link Vending Machines And Enterprise Systems; Date: October 30-November 4, 2000; Technology of Object-Oriented Languages And Systems, 2000. TOOLS-Asia 2000. Proceedings. 36 th International Conference on Page(s): 260-264	<input type="checkbox"/>
		MOON ET AL.; An Event Channel-Based Embedded Software Architecture For Developing Telemetric And Teleoperation Systems On The WWW; Date: June 2-4, 1999; Real-Time Technology and Applications Symposium, 1999. Proceedings of the Fifth IEEE; Page(s): 224-233	<input type="checkbox"/>
		HINTZ, KLAUS; "Put it on my card please," CMA, Hamilton: April 1998, Vol. 72, Iss. 3, p. 18 (5 pages)	<input type="checkbox"/>
		SALVITCH, WALTER; "Problem Solving with C++...+, Reading: Addison-Wesley Longman Inc.: 1999, pp. 406-413	<input type="checkbox"/>
		GARNEAU, GEORGE; "Cashless Newsracks," Editor & Publisher, June 12, 1993, Vol. 126, Iss. 24, page 62, 2 pages	<input type="checkbox"/>
		USA Technologies Takes Unique Swipe Card Device Off Shore, Business Wire, August 31, 2000	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Examiner
Signature

/Mary Cheung/

Date
Considered

05/25/2008

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).

²Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.C./